

Title (en)

P-Xylylenediamide/diimide composite ro membranes.

Title (de)

Verbundmembranen aus P-Xylylendiamid oder -diimid zur Umkehrosmose.

Title (fr)

Membranes composites de P-Xylylène diamide/diimide pour l'osmose inverse.

Publication

**EP 0391519 A1 19901010 (EN)**

Application

**EP 90301197 A 19900205**

Priority

US 32029189 A 19890306

Abstract (en)

Composite RO membranes having good resistance to halogen attack and high fluxes are disclosed, the composite membranes comprising a microporous polymeric support with an inter facially polymerized salt-rejecting layer thereon comprising an aromatic aliphatic diamide/diimide.

IPC 1-7

**B01D 69/12**; **B01D 71/56**; **C02F 1/44**

IPC 8 full level

**B01D 71/64** (2006.01); **B01D 69/12** (2006.01); **B01D 71/56** (2006.01); **B01D 71/82** (2006.01); **C02F 1/44** (2006.01); **C08G 69/28** (2006.01); **C08J 9/40** (2006.01); **D01F 6/00** (2006.01); **D01F 6/76** (2006.01); **D06M 15/59** (2006.01); **D06M 101/00** (2006.01); **D06M 101/16** (2006.01); **D06M 101/18** (2006.01); **D06M 101/30** (2006.01); **D06M 101/32** (2006.01); **D06M 101/34** (2006.01); **D06M 101/36** (2006.01)

CPC (source: EP US)

**B01D 69/1251** (2022.08 - EP US); **B01D 71/56** (2013.01 - EP US); **C08G 69/28** (2013.01 - EP US); **Y02A 20/131** (2018.01 - EP)

Citation (search report)

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Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

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DOCDB simple family (application)

**EP 90301197 A 19900205**; AT 90301197 T 19900205; AU 4857190 A 19900117; CA 2007273 A 19900105; DE 69010727 T 19900205; JP 3164490 A 19900214; US 32029189 A 19890306